Cold Generator®
Scroll Liquid Chillers

20 to 60 Tons
Water Cooled
ENGLISH DIMENSIONS

<table>
<thead>
<tr>
<th>UNIT SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>40 TON</td>
<td>5' 3/4&quot;</td>
<td>3' 3/8&quot;</td>
<td>1' 11 1/4&quot;</td>
<td>2' 3/8&quot;</td>
<td>3' 1/2&quot;</td>
<td>1' 4 1/4&quot;</td>
</tr>
<tr>
<td>50 TON</td>
<td>5' 1/2&quot;</td>
<td>3' 1/2&quot;</td>
<td>2' 1 1/8&quot;</td>
<td>3&quot;</td>
<td>3' 3/8&quot;</td>
<td>1' 5 1/8&quot;</td>
</tr>
<tr>
<td>80 TON</td>
<td>5' 1/2&quot;</td>
<td>3' 1/2&quot;</td>
<td>2' 3/8&quot;</td>
<td>3&quot;</td>
<td>3' 3/8&quot;</td>
<td>1' 1 1/8&quot;</td>
</tr>
</tbody>
</table>

METRIC DIMENSIONS

<table>
<thead>
<tr>
<th>UNIT SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>40 TON</td>
<td>1568mm</td>
<td>400mm</td>
<td>1041mm</td>
<td>84mm</td>
<td>591mm</td>
<td>413mm</td>
</tr>
<tr>
<td>50 TON</td>
<td>1562mm</td>
<td>394mm</td>
<td>768mm</td>
<td>1188mm</td>
<td>633mm</td>
<td>480mm</td>
</tr>
<tr>
<td>80 TON</td>
<td>1562mm</td>
<td>394mm</td>
<td>768mm</td>
<td>1188mm</td>
<td>633mm</td>
<td>480mm</td>
</tr>
</tbody>
</table>

NOTES:
1. ADD 3/4" FOR UNITS WITH INSULATION
2. DIMENSIONAL TOLERANCE ± 1/8" 3mm
3. TUBE INSTALLATION AT EITHER END OF EVAPORATOR

HI RMETRIC SCROLL LIQUID CHILLER

COMPRESSOR CHILLERS
40, 50, 60 TON

TRANE SUBMITTAL

FILE NUMBER: PL-RF-CG-CCAD
DRAWING NUMBER: CCAD-SU-1001D
Figure 20
Refrigerant Piping Configuration for Typical Dual-Circuit (40-60 Ton) CCAD Unit

Note: Pitch horizontal runs of discharge (hot gas) line downward in the direction of flow @ 1/2" per each 10 ft. of run.
Air-Cooled Condenser
30 Tons
Model
☑ CAUC-C30G
☑ CAUC-C304
☑ CAUC-C305
Voltage
220-230/60/3XL
460/60/3XL
575/60/3XL

SUBMITTAL/SELECTION

DETAIL "A"

NO OBSTRUCTIONS AIR FLOW

WEIGHT | ALUMINUM FINs | COPPER FINs
SHIPPING | 1660 lbs | 1951 lbs
OPERATING | 1600 lbs | 1892 lbs

General Data
Gross Heat Rejection Capacity (MBh) | 460
Condenser Coil Size (In.) | 1/45x71
| 1/49x71
No. of Refrigerant Circuits | 1
Charging Weight (lbs of R-22) | 37
Condenser Storage Capacity (lbs) | 96
Standard Ambient Operating Range | 40-115

Other Items:

NOTES:
(1) Gross heat rejection is at a 30 F initial temperature difference condensing temperature and ambient air entering condenser. (Includes effect of subcooling).
(2) Storage capacity for R-22 at 95 F ambient, 95 percent full.

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